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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ajit Singh Gill

Examiner: Eric K. Nicholson

Serial Number: 10/654,666

Art Unit: 3679

Filed: September 4, 2003

Atty Docket No: 006-1-017

For: "Pipe Coupling"

RESPONSE TO REQUIREMENT FOR ELECTION

Mail Stop Fee Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

Sir:

Responsive to the Requirement for election, applicant hereby elects Species 1 as shown in Figs. 1-

3. Species 1 is covered by Claims 1-12, 14, and 15.

Applicant also amends paragraphs 22 and 26 of the specification to correct errors therein as follows:

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop FEE AMENDMENT; Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, on this 26 day of July, 2004.

Signed: Robert R. Mallinckrodt Dated: July 26, 2004
Robert R. Mallinckrodt

[0022] FIGS. 3 and 5 and 6 show two a ended coupling couplings, and FIGS. FIG. 4 shows shows a two a one ended coupling. In FIGS. FIG. 4 the one ended coupling is integrated either with a traditional pipe or with a hose shank. Whichever the case, the pipe or hose shank is shown by 14A.

[0026] The coupling shown in the FIG. 6 is the same coupling as shown in FIG. 3. The dotted pipes 14 and 14A are merely indicative pipes which coupling would hold together. In FIG. 6 during the push of the two pipes 14 and 14A the original "U" type of gasket 47 is deformed. The seal 47 is partially located in the inner coupling body and partially between the opposite ends of pipes between slanting ends 16 and 16A. In FIG. 5 6, gasket seal 47 is located in the corresponding cavity 52 created by the pipes 14 and 14A and the coupling C. The two arms of 47 are shown by 48 and 49. Fluid enters cavity 52, through gap G between pipes, and pressurizes the gasket. The original flare of the gasket, between arms 48 and 49, is reduced by slants 51 and 51A, when the pipes are pushed into the receiving openings of the coupling, during mounting.